Oil Field Environmental Incident Summary

Responsible Party: ENDURO OPERATING, LLC **Well Operator:** ENDURO OPERATING, LLC

Well Name: MRPSU 31-21

Field Name: MOUSE RIVER PARK Well File #: 7748

Date Incident:8/19/2016Time Incident:13:00Facility ID Number:County:RENVILLETwp:162Rng:85Sec:31Qtr:

Location Description:

Submitted By: Scott Hunskor Received By:

Contact Person: Scott Hunskor

777 MAIN STREET

SUITE 800

FORT WORTH, TX 76102

General Land Use: Cultivated Affected Medium: Topsoil

Distance Nearest Occupied Building:

Distance Nearest Water Well:

Type of Incident: Pipeline Leak

Release Contained in Dike: No Reported to NRC: No

Spilled Units Recovered Units Followup Units

Oil

Brine 55 Barrels 20 Barrels 20 barrels

Other

Description of Other Released Contaminant:

Inspected: Written Report Received: 1/12/2017 Clean Up Concluded: 12/19/2016

Risk Evaluation:

none

Areal Extent: Approx. 75' x 200'

Potential Environmental Impacts:

none

Action Taken or Planned:

Shut in well and isolate line. Called appropriate agencies; NDIC - Scott Dehlie 3:15 pm, NDDOH - Russell Martin 3:15 pm. Delineated area of spill. Dig trench to be able to load water still standing. Wait for One Call to clear to start repair and reclamation. Cardino will be out on location making recommendations for reclamation.

Wastes Disposal Location: Clean Harbors

Agencies Involved:

Updates

Date: 8/22/2016 Status: Reviewed - Follow-up Required Author: Schiermeister, Robin

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Spill was not contained; further follow-up is required.

Date: 8/23/2016 Status: Inspection Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

8/21/2016 at 15:50, on location. Trench dug to contain release was visible to the SW of the tank battery for the wellhead (wellhead is south of the tank battery a distance). Vegetation is thick with both a wheat field and, where it gets closer to the tank battery, weeds that appear to be kochia. While walking around the site to determine extent of impact, stepped in what appears to be old, black oil underneath the kochia. Emailed report contact about the need to determine if oil is related to the leak or is an older release. More follow-up required.

Date: 9/9/2016 Status: Correspondence Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Phone call with responsible party. Spill has been delineated and excavated. Consultant took field readings and has sampled the site for lab analysis. When lab analysis is complete, consultant will notify the NDDoH. Additionally, oil discovered during inspection was found to be an oil coating for a water line that had come off.

Date: 9/15/2016 Status: Inspection Author: Kangas, Kathleen

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

On site at 1:00 p.m. 63 degrees F, cloudy, wind 4 mph NE. Excavation has been done to the SW of CTB. According to on-site rep, cleanup is continuing.

Date: 10/4/2016 Status: Inspection Author: Washek, Sandi

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on site at 4:15 p.m. It was raining with wind out of the west at 30 mph, and the temperature was 34 degrees F. The spill is located to the SW of the pad into a stubble field. The impacted area has been dug up and about 10-20 inches of soil have been removed over a 100- X 220-foot area. Due to rain in the past week, the depression was filled with water. Testing of the water by chloride strip showed the water to be at 74 parts per million chloride. Additional remediation of the site will be needed. Additional follow-up needed.

Date: 10/24/2016 Status: Correspondence Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Site investigation report received for the site.

Date: 11/10/2016 Status: Correspondence Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Email from consultant with request to backfill the excavation before winter.